



DEFENSE LOGISTICS AGENCY

LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

April 18, 2012

Mr. Holger Hellwig
Semicoa Corporation
333 McCormick Avenue
Costa Mesa, CA 92628-2613

Dear Mr. Hellwig:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961, VQ (VQE-12-024152); CAGE 34156; Ctrl # 035929

Qualification of your product is granted based on successful testing of device type JANTXV 2N7270 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /603H. This qualification was approved per MIL-PRF-19500/603H, however, utilizing attached Safe Operating Area (SOA) graph which will be incorporated into the detail specification. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The starting wafer lot number is J24066.1. The effective date of this qualification is March 22, 2012 and starting lot date code 1146.

The qualified thermal impedance conditions for conformance inspection and screening limit (for T0-254 pkg only) are as follows: (subject to change after 5 lots with approval from qualifying activity); $V_H=12V$, $I_m=10mA$, $I_H=7A$, $t_h=10msec$, $t_{MD}=70\mu sec$, ΔV_{sd} Limit = 90mV max (screening); 100mV max (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 2N7270	1C	CEJJ	19500-3480-12	/603	Same as above
					Plant (2): Tower JAZZ Semiconductor 4321 Jamboree Rd. Newport Beach, CA 92660 (Wafer Fabrication)

** Includes JAN, JANTX, and JANXV quality levels

This qualification approval is based upon test report number 19500-3480-12 for your die & package, attached revised SOA curve, your letter dated February 2, 2012, and subsequent emails. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product.

If you have any questions concerning this letter, please contact Mr. Carl DelloStritto (614) 692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

Enclosure